

DIALOG(R) File 351:DERWENT WPI  
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Metal cannula enclosed in outer cannula of flexible plastics - has  
circumferential slots in wall to increase flexibility

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 4104092	A	19910814	DE 4104092	A	19910211		199134 B

Priority Applications (No Type Date): DE 4004256 A 19900213 DE 4104092 A  
19910211

Abstract (Basic): DE 4104092 A

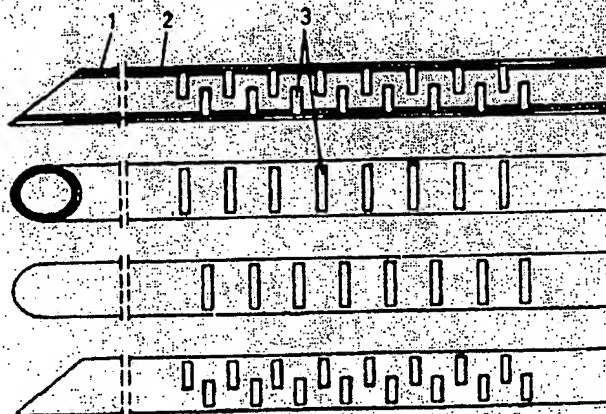
A metal cannula (1), which is enclosed in a catheter or cannula (2)  
made of flexible plastics, is used for inserting into a blood vessel.  
The metal cannula (1) has a middle section with openings (3) formed in  
the upper and lower wall.

These openings (3) are in the form of circumferential slits  
arranged in longitudinal rows with the slits of one side of the cannula  
being staggered with respect to the slits of the opposite row. This  
feature increases the flexibility of the metal cannula.

USE - Surgery (3pp Dwg No 2/2)

Derwent Class: P31, P34

International Patent Class (Additional): A61B-017/34, A61M-005/15



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